

# Creation of a data warehouse application alongside a client reporting system

## Objective

Client wanted to build a new data warehouse for keeping track of the services utilized against the seat/user licenses offered. The initiative was required to achieve better insights into business operations. Pyramid in this case offered to develop an enterprise data warehouse via technology tools such as SSSIS, SSAS and SSRS.

## Challenges

- ▶ Creation of an enterprise DW through applications like Oracle, PLSQL & Data Stage
- ▶ Creation of a Data Mart with a single point of data. To be analyzed by prospective users or new business establishments
- ▶ Development of a consolidated single data warehouse for reporting systems. To be carried out through integration of different databases like EBS, Guspr, Athena, CRM and WebG

## Approach

To analyze and utilize data to its full potential, data from various systems was migrated over the SQL server DW using ETL tools and Business Intelligence Development Studio (BIDS). As per the business requirement, Pyramid created and modified mappings, data validation across different source systems and creation of customized extract processes for data retrieval. It utilized ETL development tools and created Oracle tables, stored procedures, packages and materialized views to ensure the application developed was a success.

## Business Benefits

- ▶ Development of a synchronization program to assist client at the DW level and transactional level
- ▶ Uniformity within various systems to make tracing and debugging an easy and convenient process
- ▶ Exception and regression process for managing and loading data with 100% accuracy
- ▶ Production Support on a round-the-clock basis

## About Pyramid

Pyramid Consulting Inc. is a global technology and process driven software solutions company offering customer centric solutions. With knowledge and experience of the entire IT lifecycle, we help enterprises streamline core IT processes and augment their competitive advantage. Pyramid's global delivery model harnesses productive tools, agile methodologies, iterative processes and expert frameworks to provide innovative and cost-effective solutions.

Our domain and industry experts engineer robust technology solutions for clients in a wide range of industries including retail, logistics, healthcare, insurance, software development, financial services, media, publishing and telecommunications.

### Global Headquarter

Pyramid Consulting, Inc. 11100 Atlantis Place Alpharetta, GA 30022, USA  
Phone: 678.514.3500 Toll-free: 877.248.0024

### USA

Georgia  
New York/New Jersey  
North Carolina  
Virginia  
Texas

### Canada

Ontario

### Europe

United Kingdom

### India

Noida  
Hyderabad

### Asia Pac

Singapore

## Industry Segment

Global Research Organization

## Customer Profile

The client is listed among the world's Top 10 Fortune companies as a leading information technology research and advisory company

## Technology and Tools

- ▶ .Net 3.5 ( WCF,WPF,WWF)
- ▶ Data Warehousing
- ▶ Data Stage
- ▶ Putty
- ▶ Exceed
- ▶ Humming Bird
- ▶ Oracle

## Solution Highlights

- ▶ Use of a Global Delivery Model
- ▶ Creation of a Data Mart
- ▶ Exception processes to capture data which could cause failure
- ▶ Extensive usage of PLSQL for all Aggregates and materialized views

## Related Solutions

- ▶ Application Development, Design and Implementation re-hosting
- ▶ Systems Integration and Consolidation
- ▶ Support, Maintenance, Re-engineering and Performance tuning
- ▶ Feasibility and Requirement Analysis for business scenarios